

## ABSTRACT

This invention provides a resin-cemented optical element comprising a base member and a resin layer formed on the surface of the base member and comprising a cured product of a photosensitive resin composition, and the resin layer has (1) a refractive index of 1.55 or more, (2) a visible-light inner transmittance of 95% or more in a 100  $\mu\text{m}$  thick area, (3) a rate of hygroscopic dimensional change of 0.4% or less, (4) a durometer hardness of HDD 70 or more, (5) a gel percentage of 95% or more, (6) a glass transition temperature of 95°C or above or (7) a rate of shrinkage on curing of 7% or less; and a production process for the element and an optical article having the element.